

Abstract of the Disclosure

A method of network addressing based on the physical location of the devices in a network communications system. Accordingly, each the devices in the network communications system is equipped with a physical site locator to identify the physical location of the device so that the physical location can be used as an address to allow the device to communicate with other devices in the network. Preferably, a mapping method is used to convert a map of physical locations to one or more address tables so as to allow a controlling station to route messages to and from the devices based on the physical locations. In a network where each network device has an intended function controlled by an application program, it is preferable that the application program is loaded onto the device after the physical location of the device is identified.